



320311



L11904001

**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT**

I. IDENTIFICATION

01 STATE IL	02 SITE NUMBER ILD48060007
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II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Granite City Steel		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 20th and State Streets			
03 CITY Granite City	04 STATE IL	05 ZIP CODE 62040	06 COUNTY Madison	07 COUNTY CODE 119	08 CONG DIST 21
09 COORDINATES LATITUDE 38 41 30.0		LONGITUDE 090 01 00.0		Granite City (7.5')	
10 DIRECTIONS TO SITE (Starting from nearest public road) corner of 20th and State Streets in Granite City					

III. RESPONSIBLE PARTIES

01 OWNER (If known) Granite City Steel Division/Nat'l Steel Corp.		02 STREET (Business, mailing, residential) 20th and State Streets			
03 CITY Granite City	04 STATE IL	05 ZIP CODE 62040	06 TELEPHONE NUMBER (618) 451-3391		
07 OPERATOR (If known and different from owner)		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR <input checked="" type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: 06/08/81 MONTH DAY YEAR <input type="checkbox"/> C. NONE					
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IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 08/10/83 MONTH DAY YEAR <input type="checkbox"/> NO 1970 (initial)		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1943 _____ BEGINNING YEAR ENDING YEAR <input checked="" type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
 Acids (corrosive)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
 Groundwater (Population/Environment)
 Surface Water (Population/Environment)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input checked="" type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
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VI. INFORMATION AVAILABLE FROM

01 CONTACT John G. Manda		02 OF (Agency/Organization) Granite City Steel		03 TELEPHONE NUMBER (618) 451-3436	
04 PERSON RESPONSIBLE FOR ASSESSMENT James K. Moore		05 AGENCY IEPA	06 ORGANIZATION Land Permits	07 TELEPHONE NUMBER 1217785-2891	08 DATE 03/08/84 MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE IL 02 SITE NUMBER ILD98060417

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 0

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Probably no wells in area, as it is located in a metropolitan area. However, as is mentioned in the summary, there has possibly been groundwater contamination in the past.

01 ☒ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 42,700

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

The site is located near the Mississippi River. Contaminants could eventually make their way to the river through the groundwater in the area.

01 ☒ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: 57,900

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☒ ALLEGED

04 NARRATIVE DESCRIPTION

Although the landfill itself is not a factor, Granite City Steel has violated air regulations on occasion, and has been quite troublesome to deal with.

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: _____
(Acres)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☒ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 42,700

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

SEE SURFACE WATER CONTAM ABOVE

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE IL 02 SITE NUMBER ILD980600917

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Spills, runoff, standing liquids, leaking drums)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED _____

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 57,900

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Illinois EPA files - Division of Land Pollution Control
Division of Water Pollution Control

EXECUTIVE SUMMARY
Granite City Steel
ILD980606917

The date which this landfill began operation is questionable. A Site Survey Form in the files of IEPA indicated this facility began operation in 1968 as a private industrial landfill receiving solid waste from the steel mill's blast furnace plant, while the CERCLA 103c Form filed by the company reports the starting date to be 1943. In general, information related to this site (design, operation, and wastes accepted) was very limited, and thus, few conclusions could be drawn.

Wastes generated at this steel mill which are of special concern include pickle liquor waste (K062), decanter tank tar sludge (K087), and argon stirring station baghouse dust. Today, these wastes are either transferred off-site, or used in some type of reclamation process at the plant. As can best be determined, nonhazardous wastes generated on-site are the only wastes sent to the landfill in question at this time.

However, this was not always the case. In the Report on Joint Compliance Monitoring Survey prepared by the USEPA and IEPA concerning Granite City Steel (May, 1975), spent pickle liquor was reported to be sent to an on-site wastewater lagoon (possibly unlined), and discharged to a nearby lake after only minimal treatment. Furthermore, wastewater from an on-site coke plant was discharged to a lagoon which had no outlet, and thus, water left the lagoon either through evaporation or infiltration. It was noted in this report that since this lagoon was not lined, the groundwater in the area was probably being contaminated. Although the landfill itself is not directly involved with these disposal methods, contamination of the groundwater in this area is still a grave possibility. Information regarding the operation of the landfill during this time is not available, and thus, there is no way of knowing what actually went into the fill during this time. One would, however, have to be somewhat concerned with the site, and thus I would suggest that this site be given low priority.